

G. R. S. IX-5]

Previous references.

✓
1915-16

✓
File No. 21-15

Serial Nos. 1-10.

Later references.

(Geol)

Preserve

15
36

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1-10

Part B for August 1917

SUBJECT.

Investigation of the Kemanagundi iron deposits.

GENERAL AND REVENUE SECRETARIAT.

(Geol.)

NOTES.

File No. 2175.

FILE HEADING.

Investigation of the Kimmangundi iron deposits.

From

The Director, Dept of Mines & Geology

No. 984.

Dated 5-11-15

Received 9-11-15.

Diary No. ³⁹⁴⁹ }

Enclos.

Spare Copies.

{ Serial No. 1.

BRIEF ABSTRACT OF LETTER.

Proposes to undertake prospecting work for iron ore at Kimmangundi on a large scale during the next field season and requests that a sum of Rs 6000 may be placed at his disposal for this work.

NOTES AND ORDERS.

The Director's previous report regarding the investigation of the iron deposits at Kimmangundi was submitted to the Secy. on the 27th. instant (y1-).

2 The further investigations now proposed to

Ces

File No.

21

of 191-16

Serial
No.

be undertaken estimates to ~~cost~~
~~Rs 6000~~ involve an expenditure of
Rs 6000.

3. As regards the source suggested in
paragraph 4 of the paper under disposal for
meeting this expenditure, the Financial
Branch has in another connection intimated
that the lump sum provision in the current
year's budget ~~of the~~ for the reorganization of
the Dept. does not admit of any reappropriation
therefrom and the saving in the provision for
the pay of the Laboratory Assistants has
been ordered to be utilized for meeting
the additional ~~present~~ expenditure sanctioned
for the revision of the Clinical & Mineral
ests. of the Dept.

If the Director may perhaps be
permitted to start work with the sum of Rs 6000
he is ~~proposed~~^{able} to spare from the allotment-
for "General prospecting" and ^{requested to} apply for
additional funds later on when the necessity
therefor arises.

W. S. 10.11.15

∴ The Director may be authorized
to start work with the sum of Rs 1000/-
available out of the budget allotment.

2201 File No. 21

of 1915/16

Serial
No.

for General Prospecting. — The Govt. will not go far — It is believed the Economic Conference has a special allotment for investigation of & development of Economic resources of the State & Govt. for it may be asked to Council the Reg. Ec. Conf. & State whether they can spare any amount.

! Draft to Director not for appl. —

LB
11/11-15

Seq)
7?

A draft-acc. sanction may be put up, the charge being met out of the dues for Reg. Lab. Inst., saving in amount for reg. & allotment for General Prospects. A report of progress of work may be presented 2 months may be presented

Duty
13/11

8 - has directed by the Secretary? Council Mr. Shamma about the budget allotments proposed to be utilized for the work under reference & Mr. Shamma said that the provision in the Geological Budget for the pay of the Registrar would be transferred as a matter

N. R. S. 12]

General and Revenue
Secretariat.

Geol. File No. 21 of 1915-16

Serial
No.

I can't understand
this done
13/11

of course to the Gen. Secy with
the transfer of the Registrar &
would not therefore be available
in the Geol. Dept.

9. As regards the pay of the
Laboratory Assistants it
seems it has been decided to
meet the lump sum grant
for reorganization of the Clerical
& Menial Est. of the Dept. of
Mines & Geology.

10. All that would be therefore
available is some savings in the
lump sum grant for the reorganiza-
-tion of the Dept. of Mines & Geology.
& the Director puts this figure down
at Rs 1750/-.

11. Subd for further orders.

H. Deery

¹² ^{foregone}
Please ~~reconsider~~ a correct calculation of probable savings
in the Gen. Budget. Unless this question of funds is
settled, it would be inexpedient to commit Govt. to this
scheme. Please consult Bv II also.

done
13/11

done
13/11

Serial
No.

g

x. The description of
this office has been since
changed to
Chemistry Probation

The increased salaries sanctioned to the officers of the Dept. of Mines & Geology in the G.O. of 9.2.15 have all ~~been~~ been separately provided for in the current year's budget, as also the pay of the Laboratory Assistants to be newly entertained.

If the only items of expenditure under the G.O. referred to above, to be met from the lump sum provision of Rs 8760 in this year's budget are:—

(i) the pay of the Manager at Rs 150

per mensem. Rs
(para. 20 of the G.O.) — 1800.

(ii) the ^{stipend} ~~pay~~ of the 6 geological apprentices

at Rs 75 ^{each} per mensem (para. 16 of the G.O.) — 5400.

Total Rs 7200.

A sum of Rs 1560 is therefore available out of this provision for being utilized for other purposes.

[There are also the following additional items of saving:—

(i) The geological apprentices have not yet been appointed. Assuming that they will be entertained from the ~~1st~~ 1st of Dec^r, their stipends for five months viz. Rs 2250 are available.

Cg

File No.

21

of 1915-16

Serial
No.

(ii) The Chemistry Probationers (or Lab. Assistants) on whose account a provision of Rs 1680 has been separately made have ~~not~~ also not been appointed yet. It is not likely that the examination for the selection of Candidates for these posts will be held before June next, as it is proposed to wait till the results of the next Dept. Degree Examⁿ in Chemistry are published. About Rs 1000 ~~may~~ can, it seems, be safely utilized for other purposes out of this provision.

But out of the savings under these two heads a sum of Rs 1800 has been appropriated for meeting the additional exp^{re} sanctioned for the revision of the clerical est^t of the Dept. The amount actually available is thus reduced to $(3250 - 1800 =)$ Rs 1450.

The total amount available for re-appropriation ~~amount~~, according to the above calculation, is $(Rs 1560 + 1450 =)$

Rs 3010.

19 Add Rs 1000/- supplies by the Director to be utilized for the work, the total available will be Rs 4010/- and that the Director asks for to start with

Serial
No.

Recd in P. II
13/11

In No. 821 of 15-16

4. Rs 3590/- . Rs 3000/- may
be sanctioned for a start
for II

L.P.
13/11-15

Subd
to

Attention is invited to para 3 above

Ans.

16/11/15 21 The calculation in paras 18 & 19

that the total amount available in the
Geological Budget is Rs 3010 seems to be correct.

22 Govt must first find the whole of

the sum of Rs 6000 required for the purpose

before exp^d involving this outlay can be 3.

It is not financially correct to sanction the

whole scheme when only a part ^{of the money} can be

found by recap^t. Before the proposal

can be 3, it is necessary to find the balance of the amount required

may be found from the Economic Conference

Budget or elsewhere.

Br V)

kg.
21/11/15

23 Subd with reference to para

in paragraph 12.

kg.
23/11-15

(H. dees.)

Serial
No.

The out of the savings referred to in the office note 2.13.11.15, a sum of Rs 500 has since been sanctioned for experiment on limestone.

25 But the Council have recently recommended the postponement of the examnⁿ for the selection of candidates for appointment as Chemistry Probationers until June next. So the whole of the provision of Rs 1600 on this account can be utilized for the present purpose.

26 In addition there ^{will be} is a saving of about Rs 100 per month for four months from Feb. 1915 owing to the absence of Mr. Beck with on furlough.

27 A draft order sanctioning the Director's proposal is subd -

10/11/15

28 Briefly, the savings likely to accrue & to be available for the work is as follows.

Lump sum grant for reorganization - 8760

deduct probable expenditure -

(1) ^{grant for running} ~~pay of Messrs~~ 1800

(2) Pay of feat. appreciation
for 3 months 3150

(3) ^{grant for limestone} ~~pay of Messrs~~ Experiments 500

Total

5450

Balance

Lg

File No.

9

of 191 5-16

Serial
No.

Balance - Rs 3,310

Add Savings in Pay of

Chemist Probs

1680

Savings in General Probs

Suggested by the Director 1000

Total 5,990

20 Against these savings some amount may probably have to be reserved to the Govt to consider the question of revision of Clerical Staff on the ^{revised} lines laid by the Director. —

30 In any case, the Rs 3590 asked for by the Director is available at once - but the Finl Dept (per Mr Shamauna personally consulted by me) say it is technically objectionable to sanction ^{piecemeal} work to be carried out during the year & that if it can be managed the actual amount available may be saved for the current ^{year} & the balance provided in next Budget. —

31 Mr Shamauna also said that savings in the Salaries of Officers cannot generally be made available for these purposes. Subject to orders

Question Managers Pay

Led

File No.

2

of 191

10

Serial
No.

in the matter a draft of sanction
to the proposal for the full amount
is being prepared.

Pl. Secy —

A tidy draft as revised may be put up:

Dues

26/11

33

A tidy draft is sent.

W. Secy
26.11.15

34 Pl. Secy —

The draft as revised may be approved.

Dewan)

Dues
27/11

35

Draft approved by Dewan with a
slight change. Please also see Dewan's
orders on the margin of the draft asking
the Secretary to see him with the draft after
issue.

36. Dues & submit

20.11.15

Dues

30/11

Pl. Secy
30/11/15

2678
27.11.15

Geo File No. 21 of 1915-16

Serial
No.

2

To The Director, Dept of mines & Geology
" Comptroller to Govt thro' Br II
No G 6943-4 Dated 3^d December 15
Sanctions the Director's proposal, points
out the source from which the charge will
be met & directs the submission of a
report on the progress of the work once
every quarter commencing from 1st Jan 16

Subd with draft and fair endorsement
communicating the G.O. to the Comptroller

~~4.12.15~~ The financial opinion has been followed
and source for meeting the charge has
been pointed out.

38 communicated
4/12
7/12

Resubmitted as directed in paragraph 36.

W. 6-12-15
41 P. Leary.
7/12-15

425/1000 to draw. The draw wants the statement of
progress to be scrutinized minutely & full information
obtained. A. S. W. H. H. H. H.

43/1000
8/12-15.

3949

9639
2-2-16

12

Serial
No.

The report for the quarter ending 31st March 1916 has not yet been received. Submitted with a reminder.

AGS has
18.4.16.

Issued
15/8-16

Reminder Issued No Cr: 14525 of 19.4.16.

3

From the Director, Dept of Mines & Geology.

No. 3451 of 2-5-16.

Forwarded an extract from a report regarding the progress of work at Kemmangundi & propose to visit the work shortly.

45) Submitted with reference to paragraphs 42 & 43.

AGS.
11-5-16.

46) The report is very meagre. —

47) The Director's ~~may be~~ requested report for quarter ending 30th June 1916 may be awaited. If not rec'd within a week it may be called for

Sub.

To.

The Director of M & G.

No Cr 712 of 17.7.16.

Invites ref. to al 2 & requests that the report on progress of the investigation of Iron ore deposits in Kemmangundi & Kodum block during the quarter ending 30th June be forwarded. —

General and Revenue
Secretariat.

Geol. File No. 2,

of 1915-16.

Serial
No.

4

From The Director, Dept of Mines & Geology.

No 352 A 22-7-16.

Forwards a copy of a report of Mr. B. N. Venkataswamy on the prospecting for iron ore at Kemmanagundi for the quarter ending 30th June 1916, and states that a further report will be made on the results when the necessary analyses have been obtained.

48) Submitted with reference to orders in paragraphs 42 and 47.
H.S. 18/8 49) For perusal.
26-7-16.

50) The further report as to the analysis may be awaited

H. Deeg
First Member
& Secy

51) For perusal.

Deegda
7/8

52) Let the Director may be asked

to report results before he goes on leave

16.8.16.

53) A.S. will do the needful due

17/8

54) First Member — 18/8-16

55) This is in the report.

17/8-16 due 19/8

56) Draft 18/8-16

57) Submitted with a draft

H.S. 18/8-16

58) For perusal 19/8-16

Serial
No.
5.

To the Director, Dept of Mines & Geology.

No. G 2589 of 24-8-16.

With reference to Sl 4, requests that a report on the results of analyses of ores may be furnished before he goes on leave.

6

From the same office.

No 706 of 29-8-16

States that Mr. H. V. Krishnaya has promised to get the analyses of some 4 or 5 selected samples before he goes on leave.

59) Refce paragraphs 52 and 53. Submitted.

A.B.
6-9-16.

60) Submit report of

results -

Sub.

[Signature]
7/9-16

7

From the same office

No 1051 of 3-10-16.

States that the analyses of 4 selected samples of iron ore have been received & proposed for reasons stated that further prospecting on these ores will be discontinued for the present.

61) Submitted with reference to paragraph 52.

A.B.
11-10-16.

[Signature]
15-10-16.

62) For kind perusal.

G. M. Secy)
Secy Member
& Secy

63) *[Signature]*

25.10

27/10

tlf 16/10/16
Dinesh
2/10

21/10/16

248

21.10.16.

2132

23-10-16

Serial
No.

64) Seen.

65) The information should be kept confidential as stated by the Director. Copies of the analysis may however be furnished to Mr. Perin through me.

66) Draft done
11/11/16

67) Submitted with a draft.

Ans. 13
13-11-16.

68) Issue 12/13/11/16

8

To the Senior Geologist in charge of the office of the Director, Dept of Mines and Geology.

-86074 D 15. 11. 16

States that the results of the analyses will be kept confidential and requests that copies of the analyses may be furnished for the information of Govt.

9

From the Director (in charge)
Dept of Mines & Geology
to 1540 D 17-11-16.

Forwards copies of four reports on the analyses of the samples of Kemmangundi Iron ore.

69) Submitted with reference to paragraph 65.

Ans. 13
18-11-16.

71) Draft done

70) See 14

20/11

22/20/11/16

22/20/11/16

72) Submitted with a draft as per orders contained in paragraphs 65 and 71.

Ans. 13
21-11-16.

73) See 14

22/22/11/16

4386

16

G. R. S. 12]

General and Revenue
Secretariat.

Geol File No. 21

of 1915-16.

Serial
No.74) *Recd
memo
dtd*75) *6/11*
23.11*23/11**3030*
*25-11-16**23/11/16**24/11/16*76) D.O. to Mr Perin has issued. The draft
is herewith put up.*2/12**Kns*
*1.12.16**2/12/16*

10.

To C. P. Perin Esq. Bombay.

No. 4484 of 30-11-16.

Res.

~~Forwards~~ copies of analyses of four
samples of Kammangundi Iron ore recently explored
for purpose of shipment.

Geol 21-15.

4336

17

G.R.S. III-3]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Submitted

77) The Dewan's office may be requested to state whether any reply has been received from Mr. Perin regarding his opinion on the samples sent to him.

MRS. 13
19-5-17

U/24/5/17

78) none received in Group II.
MRS.
22-5-17

79) It is not known whether the Dewan has received a reply from Mr. Perin

MRS.

23-5-17.

80) The only question is whether a reply should be sent to Mr. Perin.

81) If a report has been received and action is being taken upon it, this may be filed.
U/23/5/17

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

82) No reply has been received.

But the Dewan ordered that this may be filed.

MRS.

U/11/8/17
24-5-17

V
9/11/15
127/

Hopewell

153/6/11-15

18

GPB-500-15-7 1E

D.M.G. 12]

BANGALORE, 5th Nov 1915

No. 984.

3949

FROM

DR. W. F. SMEETH, M.A., D.Sc., A.R.S.M., etc.,

Director, Department of Mines and Geology,

1915-1916
SECTION <u>Geol.</u>
FILE No. <u>2175</u>
SERIAL <u>Mysore State</u>

To

D.M. Narasinga Rao, Esquire, B.A., B.L.,

Secretary to the Government of His Highness

the Maharaja of Mysore,

General Department.

SIR,

I propose to undertake a considerable amount of prospecting work for Iron Ore at Kemmangundi during the next Field Season. The work done during the past season on the Kemmangundi ores has not given as good results as hoped for and further work is necessary to try and secure better results. A new deposit was found this year near the scarp of the Bababudans and is more favourably situated for transport and it is most important to ascertain whether a sufficient supply of good ore can be obtained from it. I propose to put 3 or 4 deep cuts to a depth of 30 feet or so across the strike of the beds and to have the ores sorted and ^{sampled.} ~~supplied.~~ Mr. B.N. Venkata-ramaiya will be in charge of the work and estimates that it will cost something over Rs. 6000. The estimates are based on the work he has already done there. The rates are no doubt high, but it is impossible to get labour there except at high rates. As the work will be on a larger scale, I hope he will find it possible to do it for less or to do some additional

work

work which is required on the Kemmangundi deposit itself.

2. Before he starts work I propose to send Mr. Venkataramaia to Kumsi and Shankargudda to get some experience of the method of working there and, if possible, to secure some mestris and labour, as it is extremely difficult to get efficient workmen.

3. I have the honour to request therefore that the sum of Rs. 6000 be placed at my disposal for this work at a very early date, as I want to start the work ^{as early} in January as possible.

4. I can find a certain amount of the money from my Budget but not the whole. For instance I might appropriate the following items.-

From General Prospecting	Rs. 1,000
Saving in pay of Laboratory Assistants	
for six months.....	Rs. 840
Saving out of lump sum grant for	
Re-organization.....	Rs. 1,750
Total	<u>Rs. 3,590.</u>

If this is sanctioned I can start the work and orders can be passed sanctioning the balance of..... Rs. 2,410 before it is actually required.

I have the honour to be,

Sir,

Your most obedient servant,


Director,

C.N.

Department of Mines & Geology.

ju.

G.R.S. 28]

Sanctioning Rs 6000 for the investigation of iron ore deposits at Kenumangundi, Bababudan Hills. 20

Consd
No 2539
26/12/15

File No. Geol. 2175

Serial No. 542

Sl. 2.

Diary No. of letter replied to _____

GENERAL AND REVENUE
SECRETARIAT.

()

Proceedings of the Government of His Highness
the Maharaja of Mysore

READ—

, the

191

Date of issue 3-12-15

Signed by Mr. B. P. Rao

Letter No. 584 Q-5.11.1915 from
the Director, Dept. of Mines & Geology,
soliciting the sanction of Govt. for
the further investigation, at a cost

~~ORDER THEREON. No.~~

of Rs 6000, of the iron ore deposits
at Kenumangundi, Bababudan Hills,
Kadur St., during the ensuing field
season, with a view to ascertain
if a sufficient supply of food ore
over.

SUBJECT.

Can be obtained from a new deposit recently discovered on the sear of the Bahabwans.

Order No. 26443-4 of 3-12-20

Sanctioned.

2. The Charge will be met out of the provisions in the current year's budget of the dept., as noted in the margin.

3. A Report on the progress of the work may be submitted to Govt. once every ~~two months~~ ^{quarter commencing from 1st January} 1916.

Dated 27/11
Sd/- to Govt.

To

The Director, Dept. of Mines & Geology
The Corporation, Ahmednagar, II.

Budget head	Amounts to be reappropriated.
	Rs.
General prospecting.	1010.
Laboratory tests.	1680.
Lump addition for reorganization	3310
Total.	Rs 6000.

See 11/11
30.11.15
26711-15

No. 3451BANGALORE, 2nd ~~Febr~~ ^{Febr} 1916

V
27/5/16
Encl. one

DIARY NO. 4639

FROM

DR. W. F. SMEETH, M.A., D.Sc., A.R.S.M., &c.

Geol
21-15
3.
Director, Department of Mines and Geology,
Mysore State.

To

D.M. Narasinga Rao, Esquire, B.A., B.L.,

Secretary to the Government of His Highness

the Maharaja of Mysore,

General Department.

SIR,

In reply to your letter No.G.14525, dated 19th April 1916, I have the honour to enclose an extract from a report to me by Mr.B.N. Venkataramaiya, B.A., Sub Assistant Geologist, regarding the progress of work at Kemmangundi. There has been considerable difficulty in getting suitable labour. I have got a contractor through Mr.C.R. Valentine, Superintendent of the Workington Iron & Steel Company, Shimoga, and in order to induce him to get more men and hurry the work, I have authorized Mr.Venkataramaiya to raise certain of the rates which were found to be too low.

2. I propose to visit the work during the second half of May to see what has been done and take samples.

I have the honour to be,

Sir,

Your most obedient servant,

W. F. Smee
Director,

C.N.

Department of Mines & Geology.

Extract from report, dated 2nd April 1916, from Mr.B.N. Venkataramaiya, B.A., Sub Assistant Geologist, to the Director, Department of Mines and Geology.

* * * * *

The trench started on the haematite bands in the Kemmangundi escarpment has been deepened to about $5\frac{1}{2}$ ft. depth and 3520 cubic feet of excavation has been done on the top of the ridge. At this depth the ore is showing signs of becoming soft and very fissile except in the outer exposed portions which are hard and compact. About 2000 cubic feet of ore have been stacked and over 2000 cubic feet more remain to be stacked.

The pitting and trenching in the talus on the dip stope and the escarpment slope aggregate about 7000 cubic ft. of excavation and have yielded 2700 cubic feet of stacked ore. There are about 500 cubic feet of big boulders to be broken and stacked.

Samples of each stack are being collected and kept.

* * * * *


Director,

Department of Mines & Geology.

24

No. 352

BANGALORE, 22nd July 1916.

Encl one

DIARY NO. 728

FROM

DR. W. F. SMEETH, M.A., D.Sc., A.R.S.M., &c.,
 Director, Department of Mines and Geology,

19/5-19/6
SICHTEN <i>Geol</i>
FILE NO. <i>21-15</i>
Mysore State
4

To

D. M. Narasinga Rao, Esq., B.A., B.L.,

Secretary to the Government of His Highness

the Maharajah of Mysore,

General Department.

SIR,

X

In continuation of my letter No. 3451, dated 2nd May 1916, I have the honour to forward herewith a copy of a report by Mr. B. N. Venkataramaiya, B.A., Sub-Assistant Geologist, on the prospecting for Iron ore at Kemmangundi for the quarter ending 30th June 1916.

2. I have inspected the work which is satisfactory, considering labour and other difficulties and I will report later on the results when the necessary analyses have been obtained.

I have the honour to be,

Sir,

Your most obedient servant,



Director,

Department of Mines & Geology.

W.F.

28

In continuation of my last progress note, I beg to submit a brief report on work done in connection with prospecting for Iron ores at Kemmangundi on the Bababudan Hills during the last field season.

Owing to certain difficulties which the contractor had to encounter, work could not be started earlier than the last day in February and continued for over three months till the end of the first week in June. Labour employed by the contractor comprised three blasters and about 50 coolies including drillers and maistries. The health of the camp was throughout satisfactory. Had it not been for the early setting in of the monsoon and the consequent inclement weather conditions, work would have been continued longer.

Work was first started at this place, situated about a mile S.E. of the present Inspection Lodge. Kemmangundi Ridge.

Seven trenches or cuts and a pit have been put in. Three of them are located on the solid bands of ore and the rest in the *talus* material on the escarpment and dip slopes of the ridge. One of the cuts put in on the solid bands of ore had reached a depth of 26 ft. from the top, exposing masses of solid ore throughout. The total quantities of excavation for all the cuts etc. at this place is 69,654 c. ft. and 21,857 c. ft. or 1214 tons of ore have been stacked for sampling purposes. A large number of samples have been collected and some have been sent up for assay.

In continuation of last year's work, one of the pits Kemmangundi escarpment. put in on a solid band of ore on the top of the knoll west of 5610 hill, has been widened and deepened to some extent and a new one closely by was commenced.

Another of the old pits closely by in the laterite cap was deepened to 22 ft from surface; and bulk samples for assay and other experimental purposes were collected. The total quantity of excavation

excavation for this year's work is 3448 c.ft. and apart from the above noted samples, 1747 c.ft. or 97 tons of iron ore have been collected and stacked for sampling.

The total expenditure incurred on account of the above works is Rs.5,050-5-10 which has been met out of the special grant of Rs.6,000/- sanctioned by Government for the purpose. Z

(Sd.) B.N.Venkataramaiya.

(Copy.)

W. Varadachari
For Director,
Dept. of Mines and Geology.
22.7.46.

G. R. S. 26]

17
Geol File No. 21-15

Serial No.

Diary No. of letter replied to

No. 920

General and Revenue Secretariat

(
, the

191

To

The Director, Dept of Mines & Geology.

Sir,

Date of issue. 5.11.16

para 2 of
With reference to your letter no 352

Signed by. H. S. P. S.

of 22nd July 1916, regarding the investigation
of the Kemmanagundi iron ore deposits, I
am directed to request that a report on the
results of analyses of ores may kindly be
made, ^{furnished} for the information of Govt, before
you go on leave.

I have etc.


H. S. P. S. Govt.
Geol. Dept.



over.

SUBJECT.

689/21/16

30 AUG 1916

D.M.G. 13]

No. 706.

WD 01085-GPB-1,000-20-7-16

BANGALORE, 29th August 1916.

DIARY NO. 2012

Recd on 2-9-16.

FROM

DR. W. F. SMEETH, M.A., D.Sc., A.R.S.M., etc
Director, Department of Mines and Geology,
Mysore State.

1916-1917
SECTION Geol
FILE NO. 21-15
RIAL
Mysore State.

To

D.M. Narasinga Rao, Esquire, B.A., B.L.,
Secretary to the Government of His Highness
the Maharaja of Mysore,
General Department.

SIR,

With reference to your letter No.G.2589-G.M.21-15-5, dated 24th August 1916, regarding the analyses of the samples of Kemmangundi Iron Ore, I have the honour to state that I have seen Mr.H.V. Krishnayya, Chemist for the Geological and Agricultural Departments, about the matter and he has promised to get me the analyses of some 4 or 5 selected samples before I go. He hopes to be able to do this by dropping other work.

2. I have a large number of other samples of the iron ores as well as many samples of other materials the analyses of which cannot be completed for quite a long time.

3. I hope that when we get the new Chemists and train them we may get along much faster, but hitherto, as you know, it has been quite impossible to obtain the analyses I require.

I have the honour to be,

Sir,

Your most obedient servant,

W. F. Smee
Director,

Department of Mines & Geology.

C.N.

OCT 11-10-16

WD 01085-GPB-1,000-20-7-16

D.M.G. 13]

No. 1057

BANGALORE, 32nd October 1916.
DIARY NO. 3224

19/5-19/6	
SECTION	<u>Geol</u>
FILE NO.	<u>21-15</u>
SERIAL NO.	<u>7</u>

FROM

DR. W. F. SMEETH, M.A., D.Sc., A.B.S.M., etc.,

Director, Department of Mines and Geology,

Mysore State.

To

D. M. Narasinga Rao, Esq., B.A., B.L.,

Secretary to the Government of His Highness

the Maharaja of Mysore, General Department.

SIR,

In continuation of my letter No. 706, dated 29th August 1916, I have the honour to state that I have now received 4 analyses of iron ore samples from Mr. Krishnayya. I selected these 4 samples out of a large number on hand, in the expectation that they would represent material low in phosphorous and the results have confirmed my expectation.

2. The phosphorous in these samples runs from 0.008 to 0.24 per cent. which goes to show that with careful selection we should be able to obtain some low phosphorous material amongst the mass of the ores. Of course the amount of such material will be relatively small but still of considerable importance for special uses. Most of the other samples will run higher and these will be taken up as time permits. In the meantime, I would keep the results I have just quoted confidential until further samples have been tested. I propose that we discontinue further prospecting on these ores for the present. What

we

we have already established is sufficiently good for the iron scheme and any further prospecting should form part of the work of the working company during mining operations.

I have the honour to be,

Sir,

Your most obedient servant,

A handwritten signature in cursive script, appearing to read 'A. H. Smith', written in dark ink.

Director,

Department of Mines & Geology.

Diary No. of letter replied to

Confidential
 No. 5

General and Revenue Secretariat

()
 , the 191 . }

To

The Senior Geologist, in charge of
 the office of the Director, Dept of Mines
 Geology.

Sir,

Date of issue.....

13.11.15.

Signed by.....

[Signature]

With reference to your office letter
 no. 1051 dated 3rd October 1916, stating that
 four analyses of iron ore samples were
 received from Mr. Krishnappa, I am directed
 to state that the results of ^{the} analyses ^{will} ~~be~~
~~be~~ kept confidential as proposed therein
 and to request that copies of the analyses
 may be furnished for the information of
 Govt.

I have etc.

[Signature]
 12/11/16
 Secy to Govt
 Geol. Dept.

over.

[Signature]

SUBJECT.

CONFIDENTIAL.

WD 01085—GPB—1,000—20-7-16

D.M.G. 13]

No. ⁶1540

15-1916	
SECTION	<i>Geol</i>
FILE NO.	21 BANGALORE, <i>17th November</i> 1916.
SERIAL NO.	<i>9</i>

FROM

B. Jayaram, Esquire, F.S.S.
~~Dr. W. F. SMEEH, M.A., D.Sc., A.R.S.M., etc.,~~
(in charge)
 Director, Department of Mines and Geology,
 Mysore State.

To

D.M. Narasingsa Rao, Esquire, B.A., B.L.,
 Secretary to the Government of His Highness
 the Maharaja of Mysore,

SIR,

General Department.

In compliance with your letter No.G.6074-Geol.21-15-8, dated 15th November 1916, I have the honour to forward herewith copies of four reports, dated 23rd September 1916, received from Mr. H.V. Krishnayya, Chemist for the Geological and Agricultural Departments, on the analyses of the samples of Kemmangundi Iron Ore.

I have the honour to be,

Sir,

Your most obedient servant,

B. Jayaram

Director (in charge),

C.N.

Department of Mines & Geology.

Geol 21-15-10. Mysm

4484/Enm

30 NW-16. 33

Dear Mr. Perin,

I send herewith copies of analyses of four samples of Kem-mangundi (Baba Budans) Iron ore recently explored. Perhaps when you have time you will favour me with your opinion on the samples. The proportion of phosphorous seems to be low enough.

I am expecting a reply from Mr Padsha to my communication in which I consulted his convenience for a meeting in Bangalore -

Yours very sincerely,

30.11.16

RB
Dewan.

C.P. Perin Esqr.,

C/o B.J. Padshah Esqr.,

C. P. Perin Esq.
% B. J. Padshah Esq.
of Messrs Zala and Sons
Karsani Buildings
Bombay